

# REPORT ON BOILERS.

No. 34012

THU. MAY. 21. 1914

Received at London Office

GLASGOW

of writing Report

When handed in at Local Office

18.5.1914 Port of

in Survey held at  
Book.  
on the

Parsley  
\$1s "Aberdale"

Date, First Survey

5.8.13

Last Survey

15.1.1914

(Number of Visits

17)

Gross

621

Tons

Net

265

Built at Parsley

By whom built Fullerton, C.

When built 1914

nes made at Parsley

By whom made

A Fisher & Co (209)

When made 1914

rs made at

Parsley

By whom made

A F Braug, C. (530)

When made 1914

stered Horse Power

Owners

W. Pottelwhite & Son

Port belonging to Liverpool

LTITUBULAR BOILERS—MAIN, ~~AUXILIARY OR DONKEY~~—Manufacturers of Steel

James Deuloph Beardmore

en for record

S

Total Heating Surface of Boilers

1848

Is forced draft fitted

No

No. and Description of

ou Single ended

Working Pressure

180

Tested by hydraulic pressure to

360

Date of test

15.1.14

of Certificate

12495

Can each boiler be worked separately

✓

Area of fire grate in each boiler

53-6

No. and Description of

y valves to each boiler

Double Spring

Area of each valve

5.929

Pressure to which they are adjusted

185

they fitted with easing gear

yes

In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler

✓

llest distance between boilers or uptakes and bunkers or woodwork

36"

Mean dia. of boilers

14 3"

Length 10'-6"

erial of shell plates

S

Thickness

15/32"

Range of tensile strength

28/32

Are the shell plates welded or flanged

✓

rip. of riveting: cir. seams

DR

long. seams

TRIDBS

Diameter of rivet holes in long. seams

1 1/4"

Pitch of rivets

8 1/4"

of plates or width of butt straps

1-6"

Per centages of strength of longitudinal joint

95-6

Working pressure of shell by

rule

84

85

70

Size of manhole in shell

16x12"

Size of compensating ring

McNeil

No. and Description of Furnaces in each

3 flam

Material

S

Outside diameter

3' 4 3/4"

Length of plain part

top 6-11 1/2"

Thickness of plates

crown

51/64"

ription of longitudinal joint

weld

No. of strengthening rings

✓

Working pressure of furnace by the rules

191

Combustion chamber

Material

S

Thickness: Sides

11/16"

Back

5/8"

Top

11/16"

Bottom

31/32"

Pitch of stays to ditto: Sides

9x9 1/2"

Back

8 1/4 x 9"

If stays are fitted with nuts or riveted heads

Nuts

Working pressure by rules

182

Material of stays

S

Diameter at

est part

176 2/3"

Area supported by each stay

44-25"

Working pressure by rules

210

End plates in steam space: Material

S

Thickness

1 1/4"

of stays

20x20

How are stays secured

DN

Working pressure by rules

185

Material of stays

S

Diameter at smallest part

7/8"

Material of

supp. by each stay

400"

Working pressure by rules

193

Material of Front plates at bottom

S

Thickness

7/8"

Material of

back plate

S

Thickness

27/32"

of tubes

13 1/4 x 13 3/4"

Material of tube plates

S

Thickness: Front

7/8"

Back

7/8"

Mean pitch of stays

11 7/8"

Pitch across wide

spaces

14 1/2"

Working pressures by rules

190

r at centre

9x11 1/6 (2)

Length as per rule

2 5 1/2"

Distance apart

9

Number and pitch of Stays in each

2al-8"

ing pressure by rules

184

Superheater or Steam chest: how connected to boiler

✓

Can the superheater be shut off and the boiler worked

separately

Diameter

Length

Thickness of shell plates

Material

Description of longitudinal joint

Diam. of rivet

Thickness

Pitch of rivets

Working pressure of shell by rules

Diameter of flue

ened with rings

Distance between rings

Working pressure by rules

End plates: Thickness

How stayed

Are they fitted with easing gear

Working pressure of end plates

Area of safety valves to superheater

The foregoing is a correct description,

R. Leland & Son, Ltd.

Manufacturer.

Managing Director

yes

vey request form

1291

attached

Is the approved plan of boiler forwarded herewith

yes

Total No. of visits

17.

Dates

During progress of

work in shops -

1913. Aug. 5. 7. 12. Sept. 2. 11. 20. Oct. 6. 9. 21.

For

6. 19. 27. Dec. 4. 10. 29.

During erection on

board vessel -

1914. Jan. 13. 15.

GENERAL REMARKS

(State quality of workmanship, opinions as to class, &c.)

This Boiler has been built

under Special Survey in accordance with the approved

plan & the workmanship & material are of good quality.

This Report accompanies that of the Machinery

Survey Fee

When applied for,

191

When received,

191

Shipping

Travelling Expenses (if any)

charged in Monthly Report

W. Gordon Muir

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

GLASGOW

20 MAY. 1914

Assigned

See accompanying machinery report.

Lloyd's Register

Foundation

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